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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/774,635 | 02/01/2001 | Junichi Kosugi | WN-2300 | 3066 |

466 7590 07/28/2004

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ARLINGTON, VA 22202

EXAMINER

NGUYEN, LEE

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2682

DATE MAILED: 07/28/2004

9

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/774,635

Applicant(s)

KOSUGI, JUNICHI

Examiner

LEE NGUYEN

Art Unit

2682

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 May 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6, 8 and 10-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6 and 8 is/are allowed.
- 6) ☒ Claim(s) 10 and 13 is/are rejected.
- 7) ☒ Claim(s) 11-12, 14-15 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to the communication filed 5/17/2004.
2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 10 and 13 are rejected under 35 U.S.C. 102(e) as being anticipated by Honkasalo (cited in the previous action).

Regarding claim 10, Honkasalo teaches a mobile terminal 10 in a radio communication system comprising a base station 30 (fig. 2), said mobile terminal comprising: a transmitting circuit 14 (fig. 1) which transmits a first reverse channel and a second reverse channel different from the first reverse channel through a reverse signal to the base station (fundamental channel and supplemental data channel, respective, col. 3, lines 65-66);

a receiving circuit 16, coupled to said transmitting circuit, which receives a power control signal directing to increase or decrease a transmission power of the reverse signal from the base station (col. 5, lines 2-4); and
a controller 18 coupled to said transmitting circuit, which controls the transmission power of the reverse signal transmitted by said transmitting circuit on the basis of the power control signal, wherein said transmitting circuit stops transmitting the second reverse channel on the basis of the number of the power control signals, which increase the transmission power of the reverse signal, received by said receiving circuit while the transmission power of the reverse signal is maximum (col. 8, lines 15-24, it is noted that the total changed closed loop power mean output power is an accumulation of the level changes in col. 7, lines 58-64 of Honkasalo implies that the number of the power control signals received includes both the transmission power of the reverse signal that is maximum and minimum. Therefore, according to this broadly recited term, Honkasalo's mean output power reads on the claimed the number of the power control signals).

Regarding claim 13, the claim is interpreted and rejected for the same reason as set forth in claim 10.

Allowable Subject Matter

4. Claims 11-12, 14-15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claims 11, 14, the prior art of record fails to teach that said controller counts a number of the power control signals, which increase the transmission power of the reverse signal, received by said receiving circuit while the transmission power of the reverse signal is maximum, said transmitting circuit stops transmitting the second reverse channel when the number of the power control signals counted by said controller is larger than a predetermined number.

Regarding claims 12, 15, the prior art of record fails to teach that said controller detects the transmission power of the reverse signal, and starts counting the number of the power control signals, which increase the transmission power of the reverse signal, when said controller detects the transmission power of the reverse signal is maximum.

5. Claims 1-6, 8 are allowed.

Response to Arguments

6. Applicant's arguments filed 5/17/2004 have been fully considered but they are not persuasive.

Independent claims 10 and 13 do not include the limitation as argued.

Conclusion


7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LEE NGUYEN whose telephone number is (703)-308-5249. The examiner can normally be reached on 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, VIVIAN CHIN can be reached on (703) 308-6739. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 7/26/04
LEE NGUYEN
Primary Examiner
Art Unit 2682